

Title (en)
THIN ACTIVE LAYER FISHBONE PHOTODIODE WITH A SHALLOW N+ LAYER AND METHOD OF MANUFACTURING THE SAME

Title (de)
FISCHGRÄTEN-FOTODIODE MIT DÜNNER AKTIVER SCHICHT UND FLACHER N+-SCHICHT SOWIE HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)
PHOTODIODE EN ARÊTE DE POISSON À COUCHE ACTIVE MINCE COMPORTANT UNE COUCHE N+ PEU PROFONDE ET SON PROCÉDÉ DE FABRICATION

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Application
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- US 9687708 P 20080915
- US 15973209 P 20090312

Abstract (en)
[origin: WO2010031011A2] The present invention is directed toward a detector structure, detector arrays, and a method of detecting incident radiation. The present invention comprises a photodiode array and method of manufacturing a photodiode array that provides for reduced radiation damage susceptibility, decreased affects of crosstalk, reduced dark current (current leakage) and increased flexibility in application.

IPC 8 full level
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Citation (search report)

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